



JPW

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Ralf Ludwig et al.

Application No. 10/668,375

Filed: September 24, 2003

For: DEFECT REPAIR METHOD, IN
PARTICULAR FOR REPAIRING
QUARTZ DEFECTS ON
ALTERNATING PHASE SHIFT
MASKS

Group Art Unit: 1763

Examiner: TO BE DETERMINED

Atty Docket: 006410.00003

INFORMATION DISCLOSURE STATEMENT

Mail Stop Information Disclosure Statement
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the duty of disclosure under 37 CFR §§ 1.56 and 1.97-1.98, the documents listed on the attached Form PTO-1449 are being brought to the attention of the Examiner in charge of the above-identified application. A copy of each document is enclosed.

The Examiner is respectfully requested to initial the space adjacent each document entry on the Form PTO-1449, and to return a copy of the initialed Form PTO-1449 to confirm that the documents have been considered and have been officially made of record in this application.

If the Examiner has any questions or wishes to discuss this application, the Examiner is invited to telephone the undersigned representative at the number set forth below.

Any fees required for consideration of this paper are hereby authorized to be charged to our Deposit Account No. 19-0733.

Respectfully submitted,

BANNER & WITCOFF, LTD.

Date: 3/25/05

1001 G Street N.W.
11th Floor
Washington, D.C. 20001
(202) 824-3000

By: 

Robert S. Katz
Registration No. 36,402

MAR 25 2005

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/668,375
Filing Date	September 24, 2003
First Named Inventor	Ralf Ludwig et al.
Group Art Unit	1763
Examiner Name	TO BE ASSIGNED
Attorney Docket Number	006410.

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		JP 2002214760 A	7-31-2002			

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		C. FRIEDRICH, et al., Defect Printability and Repair of Alternating Phase Shift Masks, Abstract, pp. 19-26, date unknown, but prior to the filing of this application.	
		M. VERBEEK, et al., High Precision Mask Repair Using Nanomachining, Abstract, pp. 187-194, date unknown, but prior to the filing of this application.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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